

**REMOVAL PROGRAM
AFTER ACTION REPORT
FOR THE
PARK STREET SITE
BENNINGTON, BENNINGTON COUNTY, VERMONT
17 SEPTEMBER 2012 THROUGH 12 JULY 2013**

Prepared For:

U.S. Environmental Protection Agency
Region I
Emergency Planning and Response Branch
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912

CONTRACT NO. EP-W-05-042

TDD NO. 01-12-08-0005

TASK NO. 0826

DC NO. R-7530

Submitted By:

Weston Solutions, Inc.
Superfund Technical Assessment and Response Team III (START)
3 Riverside Drive
Andover, Massachusetts 01810

September 2013



SDMS Doc ID 564859

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1.0 INTRODUCTION

The following report, entitled *Removal Program After Action Report for the Park Street Site, Bennington, Bennington County, Vermont*, is a chronological summary of the response actions taken by the U.S. Environmental Protection Agency (EPA), Region I, Emergency Planning and Response Branch (EPRB). The report details the situation as it developed, actions taken, and resources committed.

Site activities included: conducting particulate air monitoring and air sampling for polychlorinated biphenyls (PCBs); installing temporary lighting; performing decontamination of two residential basements including items located within the basements; removing and storing basement items in temporary storage containers; waterproofing the basements; and returning items back to their original place in the basements.

2.0 SITE CONDITIONS AND BACKGROUND

2.1 Site Location and Description

The Park Street site (the site) is located on Park Street and Bowen Road in Bennington, Bennington County, Vermont. Geographic coordinates of the site are 42° 53' 27.9" north latitude, and 73° 11' 32.9" west longitude, as measured from the approximate center of the site (see Appendix B, Figure 1). The site consists of Little League baseball fields, two residential properties, and adjacent wetlands. The site is adjacent to the former JARD Company, Inc. (JARD) site, and is abutted to the west by the Bennington Square Shopping Center, to the north by Bowen Road and industrial properties, to the east by the former JARD site, and to the south by the Roaring Branch of the Walloomsac River (Roaring Branch) (see Appendix C, Figure 2).

2.2 Site History/Previous Actions

The site has been impacted by contamination from the former JARD site, a former capacitor and transformer manufacturing facility that produced capacitors, non-fluid transformers, and motors used in household appliances. JARD generated wastes associated with its manufacturing processes from 1969 to 1986. These wastes included: PCBs; a variety of volatile organic compounds (VOCs), including trichloroethylene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), and toluene; semivolatile organic compounds (SVOCs); waste hydraulic and lubricating oils; waste paints and varnishes; waste zinc oxide; waste-contaminated rejected capacitors; spent SpeediDri™; and PCB- and phthalate-contaminated wastewater. From September 2006 through August 2007, U.S. EPA conducted a removal action at the JARD site, removing PCB-contaminated materials.

The Vermont Department of Environmental Conservation (VT DEC) raised concerns regarding surface and subsurface soil and groundwater contamination related to the site that is located down gradient of the former JARD site. Recent sampling by VT DEC has detected PCB's in groundwater at properties located near the former JARD property, which is suspected to be the source of the contamination. Groundwater levels near the site are approximately 5 to 8 feet below ground surface. Groundwater infiltration at residential homes located near the site has been identified as a potential source of PCB contamination to soils and surface waters at the properties.

On 2 through 5 April 2012, EPA and START personnel mobilized to the site to conduct sampling as part of a Preliminary Assessment/ Site Investigation (PA/SI). Personnel collected 104 surface and subsurface soil samples, 9 sediment samples, 6 surface water samples, and 4 floor sweeping samples from the site. All samples were screened on site for PCBs by the EPA Office of Environmental Measurement and evaluation (OEME) Mobile Laboratory. Approximately 10% of samples were also sent for laboratory confirmation PCB analysis at the OEME laboratory in North Chelmsford, Massachusetts (MA).

PCBs in the groundwater are suspected to be the source of contamination to soils and surface waters due to periodic infiltration into residential basements through inactive wells and other openings, and subsequent drainage via sumps and outfall pipes into yards and retention ponds. Analytical results of EPA samples of floor sweepings collected from the basement of a residential property detected PCBs at concentrations up to 14 ppm. PCBs were also detected in soils and surface water in a pond on a residential property, in the soil of sump areas located in the basements, in the soil at a nearby wetland, and in soil at the Little League field located along the JARD fence line.

3.0 **SUMMARY OF FEDERAL RESPONSE ACTIONS**

3.1 **Organization of the Response**

ORGANIZATION OF THE RESPONSE		
Organization	Representatives	Responsibilities
U.S. Environmental Protection Agency (EPA) Emergency Planning and Response Branch (EPRB) 5 Post Office Square; Suite 100 Boston, MA 02109-3912 (617) 918-918-1052	Daniel Burgo	EPA On-Scene Coordinator (OSC) responsible for the initiation, oversight, and completion of all removal activities. The OSC coordinated with State and local officials.
Weston Solutions, Inc. (Weston) Superfund Technical Assessment and Response Team (START) 3 Riverside Drive Andover, MA 01810 (978) 552-2107	Christine Scesny John Burton Kenneth Robinson	START Site Personnel that provided the OSC with technical assistance, site documentation, site health and safety monitoring, air monitoring, and draft and final report preparation.
Environmental Restoration (ER) LLC 40 Messina Drive Braintree, MA 02184 (860) 769-7356	Christopher May Blake MacKinney	Response Manager (RM) for the ERRS contractor that performed removal activities. The RM was responsible for oversight and organization of mobilization, demobilization, and waste removal activities.

3.2 **Mobilization and Site Preparation**

The site-specific removal health and safety plan (HASP) was reviewed and signed by all personnel before any work commenced. In addition, emergency telephone numbers and directions to the hospital were posted and work zones were delineated. All activities were performed in appropriate personal protective equipment (PPE) in accordance with the HASP. The HASP was prepared by START personnel as a separate document, entitled *Health and Safety Plan for the Park Street Site, Bennington, Bennington County, Vermont*. On 17 September 2012, the mobilization and staging of Emergency Rapid Response Services (ERRS) equipment was initiated.

Site preparation activities conducted by ERRS personnel consisted of reviewing and signing the Health and Safety Plan, mobilizing equipment and supplies, receiving delivery of supplies, and preparing a staging area.

3.3 Chronology of Removal Activities

Week of 23 July 2012

EPA Office of Site Remediation and Restoration (OSRR) Division Director James T. Owens III, signed the Action Memorandum approving the proposed removal action.

Week of 10 September 2012

On 12 September 2012, a site walk was conducted with the following personnel: EPA On-Scene Coordinator (OSC) Daniel Burgo, EPA OSC Eric Vanderboom, and ERRS Response Manager (RM) Chris May.

Activities for the day included:

- Reviewing and signing the HASP.
- Conducting a reconnaissance of the site property.

Week of 17 September 2012

Personnel on site:

OSC – EPA	Daniel Burgo
START – Weston Solutions, Inc.	Christine Scesny
ERRS Response Manager (RM) – Environmental Restoration (ER)	Christopher May
ERRS Crew – ER	1 foreman 2 laborers

Equipment on site:

Type	Quantity
High Efficiency Particulate Air (HEPA) Vacuum	3
Truck	2
Storage Container	1
Portable Toilet	2
Dumpster	1
Handwash Station	1
5 KW Generator	1
55 Gallon Drum	2
Polyethylene (Poly) Sheeting	1
Poly Drum Liner	37
Lestoil®	4

Type	Quantity
Negative Air Unit	1

Activities for the week included:

- Mobilizing the ERRS crew and equipment.
- Reviewing and signing the site HASP.
- Conducting air monitoring for particulates, Volatile Organic Compounds (VOCs), and explosive atmosphere as specified in the HASP.
- Decontaminating the basement areas and the items within the basements of P-001 and P-002 using a HEPA vacuum and Lestoil®.
- Returning all basement items back to their original locations after the decontamination activities had been completed.

On 22 September 2012, Northern Basement Systems representative Mike Doherty mobilized to the site to discuss the basement waterproofing of the two residential properties.

On 22 September 2012, decontamination activities had been completed and all personnel departed from the site. The basement waterproofing activities would be completed at a later date.

For the duration of the removal action, START photodocumented site activities (see Appendix B – Photodocumentation Log).

Week of 15 October 2012

On 17 October 2012, PCB air samples were collected by START to insure PCB contaminants had been removed during decontamination.

Activities for the day included:

- Reviewing and signing the HASP.
- Collecting air samples from the basement of (b) (6).

Week of 25 March 2013

Personnel on site:

OSC – EPA	Daniel Burgo
START – Weston	Christine Scesny
ERRS RM – ER	Christopher May
ERRS Crew – ER	2 laborers

Equipment on site:

Type	Quantity
Truck	2
Portable Storage Unit	1
HEPA Vacuum	1
Portable Toilet	1

Activities for the week included:

- Mobilizing of the ERRS crew and equipment.
- Reviewing and signing the site HASP.
- Storing all items located in the basement of (b) (6) in a portable storage unit for the duration of basement waterproofing activities.
- Waterproofing the basements at (b) (6) to insure protection against PCB contamination via flooding.
- Installing a polyethylene liner on the basement walls, and installing an inner drain/French drain at the base of the walls at (b) (6).
- Installing a sump pump in the basement of (b) (6).

Key dates:

On 27 March 2013, EPA OSC Burgo, ERRS, and START member John Burton arrived on-site. The ERRS crew removed all of the property owners belongings from the basement at (b) (6) and temporarily stored them in a portable storage unit.

On 27 and 28 March 2013, a Northern Basement System crew mobilized to site to conduct basement waterproofing activities at (b) (6)

On 28 February 2013, all personnel demobilized from the site.

Week of 13 May 2013

Personnel on site:

OSC – EPA	Daniel Burgo
START – Weston	Kenneth Robinson
ERRS RM	Christopher May
ERRS Crew – ER	2 laborers

Equipment on site:

Type	Quantity
Truck	2
Portable Storage Unit	1
HEPA Vacuum	1
Portable Toilet	1

Activities for the week included:

- Mobilizing of crew and equipment.
- Review and signing of the site HASP.
- Storing all items located in the basement of (b) (6) in a portable storage unit for the duration of basement waterproofing activities.
- Waterproofing the basement at (b) (6) to insure protection against PCB contamination via flooding.

- Installing a poly liner on the basement walls, and installing an inner drain/French drain along the base of the walls at (b) (6).
- Installing a poly liner in a hallway leading from the bulkhead at (b) (6).
- Replacing all the basement items back to their original locations after the basement waterproofing activities were completed.

Key dates:

On 14 May 2013, EPA OSC Burgo, ERRS, and START member Robinson arrived on site. ERRS crew removed all of the property owners belongings from the basement at (b) (6) and temporarily stored them in a portable storage unit.

On 15 and 16 May 2013, Northern Basement System crew mobilized to site to conduct basement waterproofing activities at (b) (6).

On 17 May 2013, after the completion of the basement waterproofing activities ERRS crew returned all of the temporarily stored belongings back to the basements of (b) (6).

Week of 8 July 2013

Personnel on site:

OSC – EPA	Daniel Burgo
RM ERRS	Christopher May
ERRS Crew – ER	1 laborer

Key dates:

On 12 July 2013, ERRS mobilized to site to restore a section of the (b) (6) house siding.

On 12 July 2013, removal activities had been completed and all personnel demobilized from the site.

4.0 ESTIMATED COSTS OF THE REMOVAL ACTION

EPA resources committed under this Removal Action are summarized below:

Cost Category	Ceiling	Costs Incurred	Remainder
Regional Removal Allowance Costs			
ERRS	\$500,000	\$ 81,379.54.	\$ 418,620.46
Other Extramural Costs Not Funded from the Regional Allowance			
START Contractor	\$250,000	\$35,201.00	\$ 214,799.00
Extramural Contingency	\$75,000	\$ 0.00	\$ 75,000.00
Total Removal Project Costs	\$825,000	\$ 116,580.54	\$ 708,419.46

This accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

REFERENCES

- [1] MicroPath U.S. Geological Survey (USGS). (7.5-minute series topographic) Quadrangle map: Bennington, Vermont.
- [2] Bing Maps Aerial. 2010. Microsoft Corporation, Available from <http://www.bing.com>. Internet accessed 23 March 2012.
- [4] Weston Solutions, Inc. START (Superfund Technical Assessment and Response Team). 2012. Field Logbook for the Park Street Site. TDD No. 12-03-0001.
- [5] Weston Solutions, Inc. START (Superfund Technical Assessment and Response Team). 2012. Removal Program Preliminary Assessment/Site Investigation Report for the Park Street Site, Bennington, Bennington County, Vermont, TDD No. 01-12-03-0002. September.
- [6] Weston Solutions, Inc. START (Superfund Technical Assessment and Response Team). 2013. Removal Program Preliminary Assessment/Site Investigation Report Addendum for the Park Street Site, Bennington, Bennington County, Vermont, TDD No. 01-12-03-0002. March.
- [7] Vista Analytical Laboratory. 2012. Vista Project I.D.:34073, Case 0847F, PUF Air Sample. 7 November.
- [8] U.S. Environmental Protection Agency. 2012. Office of Environmental Measurement and Evaluation. Laboratory Report. Project No. 12090038. Park Street – Bennington, VT – PCB's in Wipes. 15 October.

Appendices

Appendix A

Figures

Figure 1 - Site Location Map

Figure 2 - Site Diagram

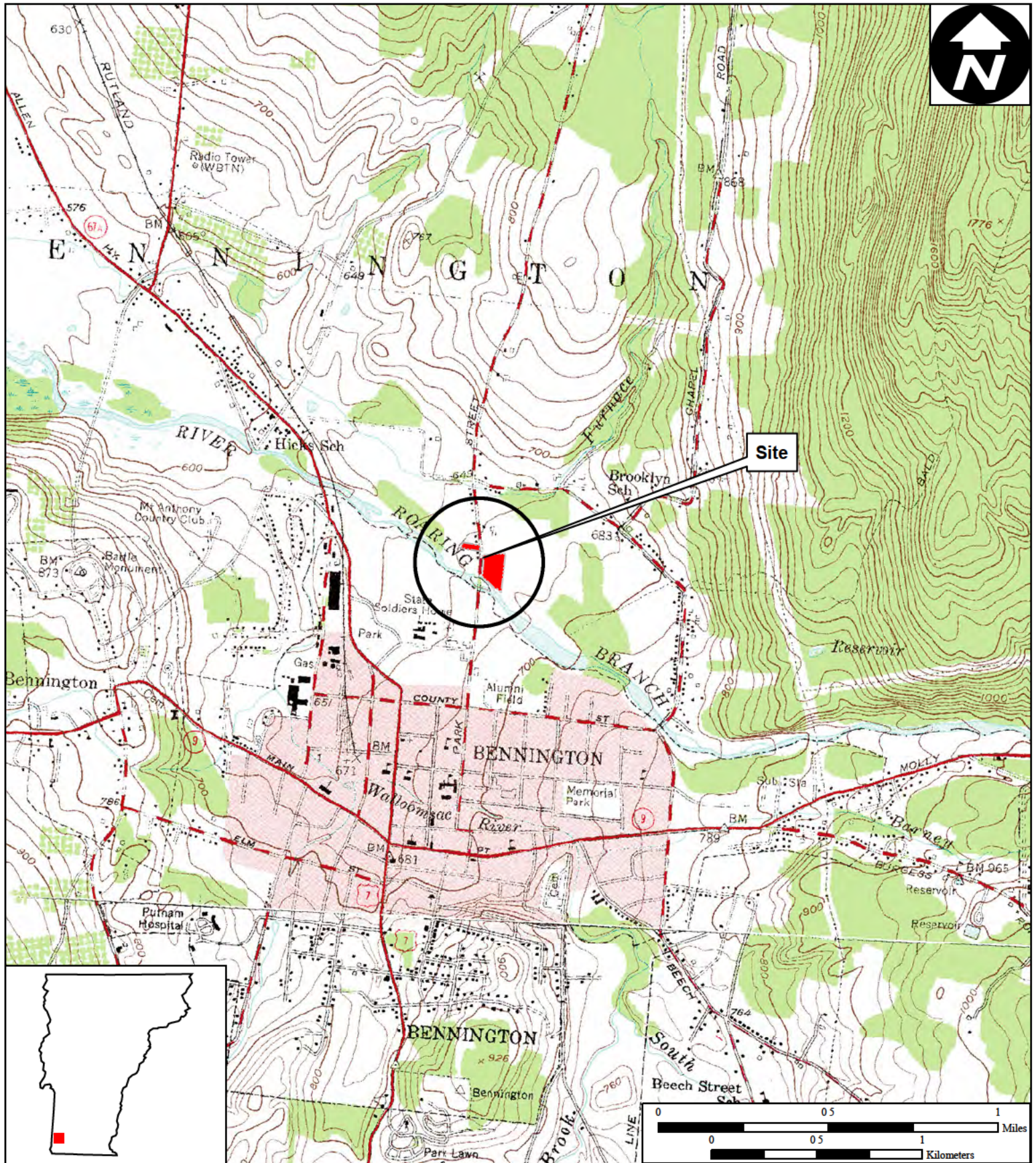


Figure 1

Site Location Map

**Park Street Site
Park Street
Bennington, Vermont**

**EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042**

TDD Number: 12-08-0005
Created by: E. Ackerman
Created on: 23 March 2012
Modified by: K. Robinson
Modified on: 16 August 2013

Data Sources:

Topos: MicroPath/USGS
Quadrangle Name: Bennington, Vermont
All other data: START



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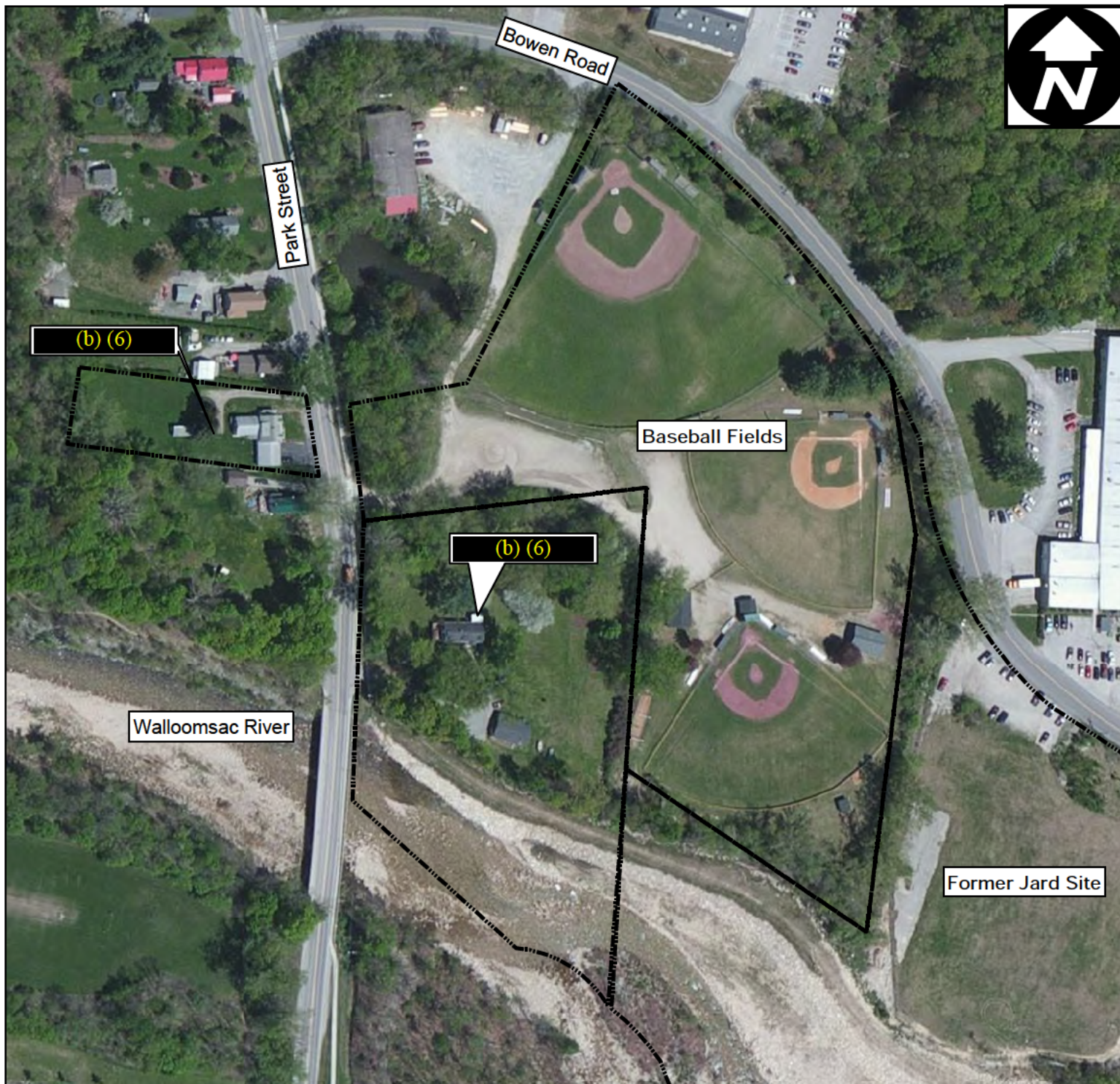


Figure 2

Site Diagram

Park Street Site
Park Street
Bennington, Vermont

EPA Region I
Superfund Technical Assessment and
Response Team (START) III
Contract No. EP-W-05-042

TDD Number: 12-08-0005
Created by: E. Ackerman
Created on: 23 March 2012
Modified by: Christine Scesny
Modified on: 28 June 2013

Legend

 Approximate Property Boundaries

Feet
0 125 250

Data Sources:
Imagery: Bing Maps Aerial (Microsoft Corp)
All other data: START



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Appendix B
Photodocumentation Log

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of a well located in the basement at (b) (6). Photograph was taken prior to decontamination.

DATE: 18 September 2012

TIME: 0759 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of the northern basement wall at (b) (6) prior to decontamination.

DATE: 18 September 2012

TIME: 0759 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of the northwestern basement walls at (b) (6) prior to decontamination.

DATE: 18 September 2012

TIME: 0800 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of a window located on the southern basement wall at (b) (6) prior to decontamination.

DATE: 18 September 2012

TIME: 0800 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of a basement wall at (b) (6) prior to decontamination.

DATE: 18 September 2012

TIME: 0800 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of the central and eastern area in the basement at (b) (6) prior to decontamination.

DATE: 18 September 2012

TIME: 0800 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of a hall leading from the bulkhead door to the main basement at (b) (6). Wet areas are visible at the base of the stone foundation wall.

DATE: 18 September 2012

TIME: 0801 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of the negative air system used during decontamination operations at (b) (6).

DATE: 18 September 2012

TIME: 1321 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of the location of particulate air monitor number (No.) 2 at (b) (6). Photograph taken facing north.

DATE: 19 September 2012

TIME: 0806 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of the location of particulate air monitor No. 1 at (b) (6). Photograph taken facing northwest.

DATE: 19 September 2012

TIME: 0807 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



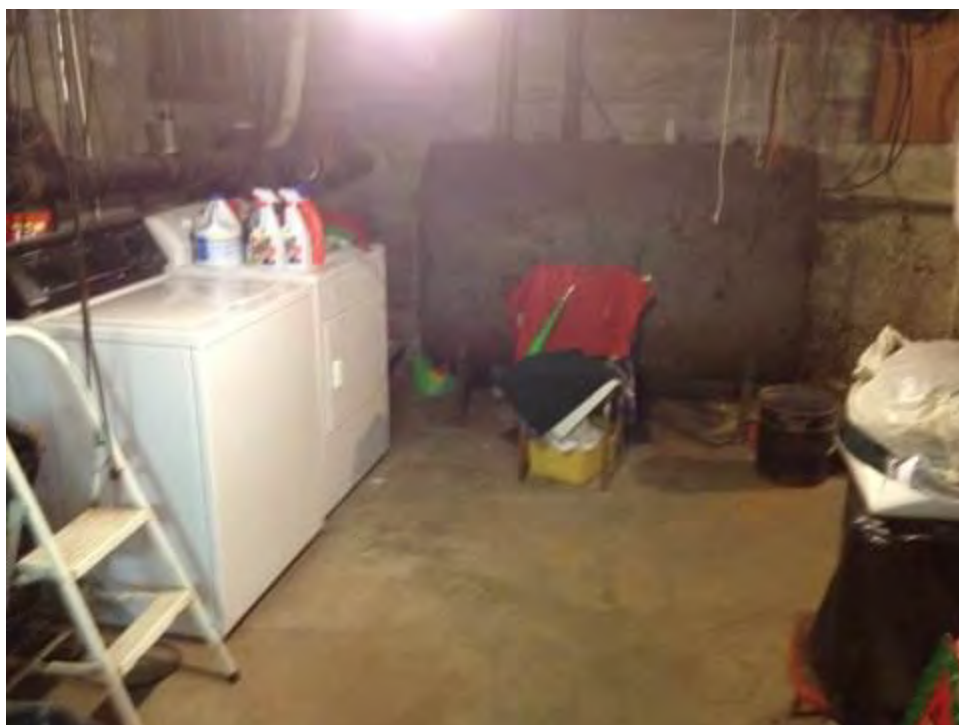
SCENE: View of the negative air system set up at (b) (6) during decontamination activities.

DATE: 20 September 2012

TIME: 0813 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of the western central basement area at (b) (6) prior to decontamination.

DATE: 20 September 2012

TIME: 0814 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of the southeastern basement area at (b) (6) prior to decontamination. Water is visible on the floors.

DATE: 20 September 2012

TIME: 0814 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of the central basement area located behind the stairwell at (b) (6). The photograph was taken prior to decontamination activities.

DATE: 20 September 2012

TIME: 0815 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of a hole in the northern basement wall at (b) (6). The photograph was taken prior to decontamination.

DATE: 20 September 2012

TIME: 0818 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of the northeastern basement area at (b) (6) prior to decontamination.

DATE: 20 September 2012

TIME: 0818 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of the location of particulate air monitor No. 2 at (b) (6). Photograph taken facing south.

DATE: 20 September 2012

TIME: 0820 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of the location of particulate air monitor No. 1 at (b) (6). Photograph taken facing northeast.

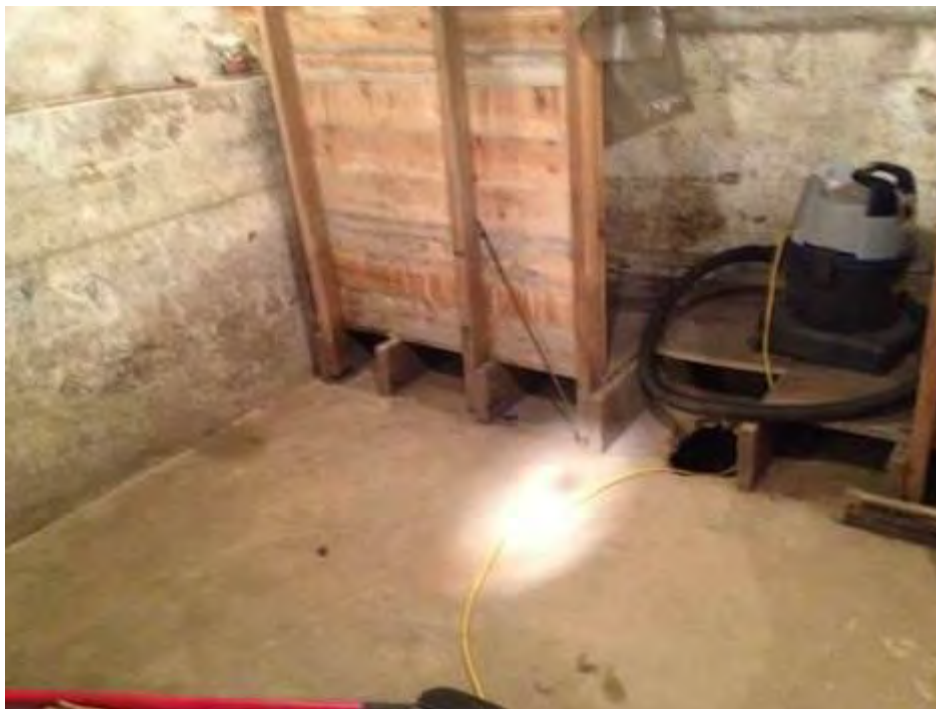
DATE: 20 September 2012

TIME: 0821 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of northwestern basement area at (b) (6) following decontamination.

DATE: 22 September 2012

TIME: 0913 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of wipe sample location WS-01 at (b) (6). The sample was collected following decontamination.

DATE: 22 September 2012

TIME: 1017 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of wipe sample location WS-02 (Duplicate WS-03) at (b) (6). The photograph was taken following decontamination.

DATE: 22 September 2012

TIME: 1022 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of wipe sample location WS-04 at (b) (6). The photograph was taken following decontamination.

DATE: 22 September 2012

TIME: 1025 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of the northeastern basement area at (b) (6) following decontamination.

DATE: 22 September 2012

TIME: 1029 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of wipe sample locations WS-06 and WS-07 collected from the freezer doors at (b) (6). The photograph was taken following decontamination.

DATE: 22 September 2012

TIME: 1118 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of wipe sample locations WS-08, WS-09, and WS-10 at (b) (6). The samples were collected from the furnace, washing machine, and the drying machine, respectively. The photograph was taken following decontamination.

DATE: 22 September 2012

TIME: 1119 hours

PHOTOGRAPHER: Christine Scesny

CAMERA: iPhone 4S



SCENE: View of stored materials in the eastern portion of the basement of (b) (6). Photograph taken facing east.

DATE: 14 May 2013

TIME: 1005 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of stored materials in the western portion of the basement of (b) (6). Photograph taken facing southwest.

DATE: 14 May 2013

TIME: 1300 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S



SCENE: View of the portable storage unit at (b) (6). Photograph taken facing south.

DATE: 14 May 2013

TIME: 1439 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of suspected effluent piping from the former sump pump system of (b) (6). Photograph taken facing south.

DATE: 14 May 2013

TIME: 1443 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S



SCENE: View of the woodpile that was removed from the basement and stacked outside (b) (6). Photograph taken facing west.

DATE: 14 May 2013

TIME: 1446 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of polyethylene (poly) sheeting over stored materials and remaining materials removed in the basement of (b) (6). Photograph taken facing west.

DATE: 14 May 2013

PHOTOGRAPHER: Kenneth Robinson

TIME: 1537 hours

CAMERA: iPhone 4S



SCENE: View of temporary stairs on top of the poly liner in the (b) (6) basement. Photograph taken facing north.

DATE: 15 May 2013

PHOTOGRAPHER: Kenneth Robinson

TIME: 0858 hours

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of stored materials staged on top of the poly liner in the (b) (6) basement.

DATE: 15 May 2013

TIME: 0858 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S



SCENE: View of the poly liner on the wall and the French drain system in (b) (6) basement.

DATE: 15 May 2013

TIME: 0858 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of stored materials and the furnace area of the (b) (6) basement after the installation of poly liner and a French drain system. Photograph taken facing east.

DATE: 15 May 2013

TIME: 0859 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S



SCENE: View of the sump pump system and poly sheeting installed in the northwest corner of the basement of (b) (6). Photograph taken facing west.

DATE: 15 May 2013

TIME: 0900 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of the aboveground storage tank (AST) that was staged on a crushed gravel platform after the installation of a poly liner and French Drain system in the basement of (b) (6).

DATE: 15 May 2013

TIME: 0901 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S



SCENE: View of effluent piping from the (b) (6) sump pump system prior to subsurface installation. Photograph taken facing southeast.

DATE: 15 May 2013

TIME: 0907 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S

TDD No. 12-08-0005
HRS Reference #61

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PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of suspected location of sanitary sewer piping as marked by the homeowner at (b) (6). Photograph taken facing south.

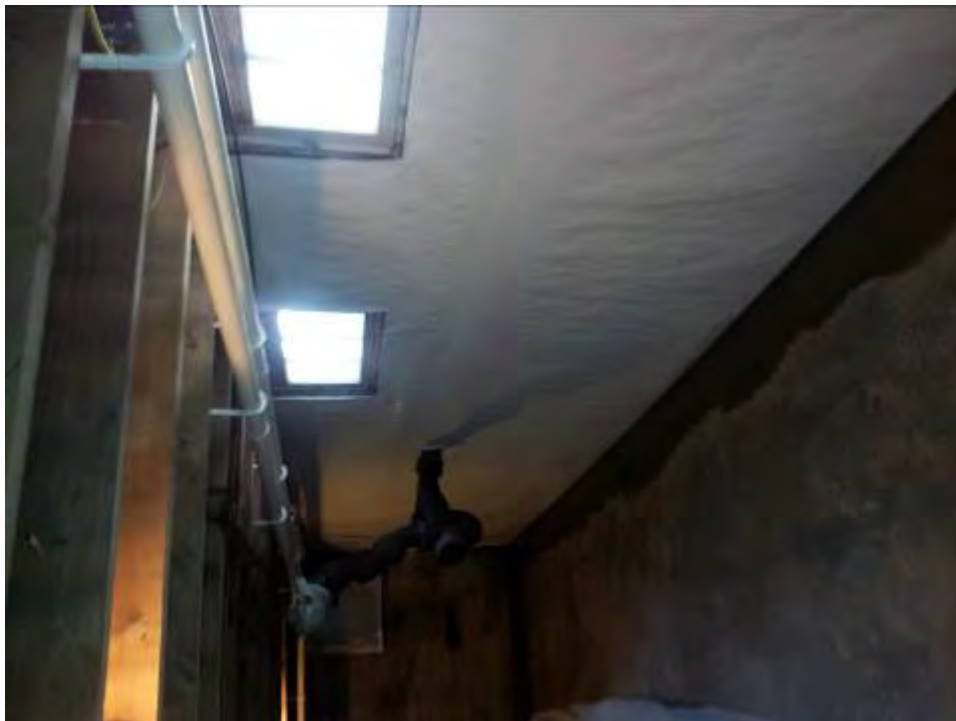
DATE: 15 May 2013

TIME: 0907 hours

PHOTOGRAPHER: Kenneth Robinson

CAMERA: iPhone 4S

TOP



SCENE: View of the basement of (b) (6) after the installation of a poly liner and French drain system. Photograph taken facing west.

DATE: 17 May 2013

TIME: 1521 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont

TOP



SCENE: View of the basement of (b) (6) after the installation of a poly liner and French drain system. Photograph taken facing southwest.

DATE: 17 May 2013

TIME: 1521 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot

TOP



SCENE: View of the basement of (b) (6) after the installation of a poly liner and French drain system. Visible in the background is the AST on a crushed gravel platform. Photograph taken facing west.

DATE: 17 May 2013

TIME: 1522 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont

TOP



SCENE: View of the basement of (b) (6) after the installation of a poly liner and French Drain system. Photograph taken facing south.

DATE: 17 May 2013

TIME: 1522 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot



SCENE: View of a grate drain installed in the basement of (b) (6). The grate is located along the outside entryway to the basement.

DATE: 17 May 2013

TIME: 0521 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of a small drainage cover to the drainage pipe installed in the yard of (b) (6).

DATE: 17 May 2013

TIME: 1520 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot

TOP



SCENE: View of the sump pump system installed in the basement of (b) (6). Photograph taken facing west.

DATE: 20 May 2013

TIME: 1747 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont

TOP



SCENE View of the sump pump system installed in the basement of (b) (6). Photograph taken facing west.

DATE: 20 May 2013

TIME: 1746 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot

TOP



SCENE: View of effluent piping from the sump pump system from the (b) (6) basement. Photograph taken facing east.

DATE: 17 May 2013

TIME: 1521 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: Cannon PowerShot

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of effluent piping from the sub-slab venting/pumping system from the (b) (6) basement. Photograph taken facing south.

DATE: 12 July 2013

TIME: 1117 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: iPhone 5



SCENE: View of effluent piping from the sub-slab venting/pumping system from the (b) (6) basement. Photograph taken facing south.

DATE: 12 July 2013

TIME: 1118 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: iPhone 5

PHOTODOCUMENTATION LOG
Park Street Site • Bennington, Vermont



SCENE: View of repaired vinyl siding around a water spigot at (b) (6). Photograph taken facing south.

DATE: 12 July 2013

TIME: 1118 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: iPhone 5



SCENE: View of repaired vinyl siding around a water spigot at (b) (6). Photograph taken facing south.

DATE: 12 July 2013

TIME: 1118 hours

PHOTOGRAPHER: Dan Burgo

CAMERA: iPhone 5

Appendix C

Table 1 – Summary of Polychlorinated Biphenyl Results, Wipe Samples Collected
in September 2012

TABLE 1

**SUMMARY OF POLYCHLORINATED BIPHENYL RESULTS
WIPE SAMPLES COLLECTED IN SEPTEMBER 2012
PARK STREET SITE
BENNINGTON, VERMONT**

SAMPLE LOCATION	WS-01	WS-02	WS-03	WS-04
SAMPLE NUMBER	R01-120917DB-0001	R01-120917DB-0002	R01-120917DB-0003	R01-120917DB-0004
SAMPLE DATE	9/22/2012	9/22/2012	9/22/2012	9/22/2012
SAMPLE SURFACE	WATER HEATER	COAL STOVE	COAL STOVE	FURNACE
	(b) (6)	(b) (6)	(b) (6)	(b) (6)
COMPOUND				
Aroclor-1016	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND

SAMPLE LOCATION	WS-05	WS-06	WS-07	WS-08
SAMPLE NUMBER	R01-120917DB-0005	R01-120917DB-0006	R01-120917DB-0007	R01-120917DB-0008
SAMPLE DATE	9/22/2012	9/22/2012	9/22/2012	9/22/2012
SAMPLE SURFACE	SINK	FREEZER-01	FREEZER-02	FURNACE
	(b) (6)	(b) (6)	(b) (6)	(b) (6)
COMPOUND				
Aroclor-1016	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND

NOTES:

- 1) Samples analyzed by U.S. EPA Office of Environmental Measurement and Evaluation (OEME) using EPA Region I SOP, EIA:SOP-PCBWIP1.SOP, PCBs in wipe sample.
- 2) All Results in Micrograms per wipe ($\mu\text{g/wipe}$).
- 3) ND = Not Detected.
- 4) Each wipe sample was collected over a non-porous surface area of 100 centimeters (cm) and preserved in 10 milliliters (ml) of Hexane.

TABLE 1

**SUMMARY OF POLYCHLORINATED BIPHENYL RESULTS
WIPE SAMPLES COLLECTED IN SEPTEMBER 2012
PARK STREET SITE
BENNINGTON, VERMONT**

SAMPLE LOCATION	WS-09	WS-10		
SAMPLE NUMBER	R01-120917DB-0009	R01-120917DB-0010		
SAMPLE DATE	9/22/2012	9/22/2012		
SAMPLE SURFACE	WASHING MACHINE	DRYING MACHINE		
	(b) (6)	(b) (6)		
COMPOUND				
Aroclor-1016	ND	ND		
Aroclor-1221	ND	ND		
Aroclor-1232	ND	ND		
Aroclor-1242	ND	ND		
Aroclor-1248	ND	ND		
Aroclor-1254	ND	ND		
Aroclor-1260	ND	ND		
Aroclor-1262	ND	ND		
Aroclor-1268	ND	ND		

NOTES:

- 1) Samples analyzed by U.S. EPA Office of Environmental Measurement and Evaluation (OEME) using EPA Region I SOP, EIA:SOP-PCBWIPE1.SOP, PCBs in wipe sample.
- 2) All Results in Micrograms per wipe ($\mu\text{g}/\text{wipe}$).
- 3) ND = Not Detected.
- 4) Each wipe sample was collected over a non-porous surface area of 100 centimeters (cm) and preserved in 10 milliliters (ml) of Hexane.